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(54) Title: METHOD OF SCREENING FOR INHIBITORS OF ASP2

(57) Abstract: A method of screening compounds to identify those compounds which inhibit the Asp 2 mediated cleavage of a polypeptide or protein substrate, the method comprising: providing a reaction system comprising Asp 2 and substrate; and measuring the extent of cleavage of the substrate in the presence of test compound as compared with the extent of cleavage in the absence of test compound, and compounds identified thereby as well as compounds which are inhibitors of Asp 2 modulated APP cleavage and their use in therapy including the treatment or prophylaxis of β amyloid protein-related disease including AD.